

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jiten Chatterji;)
James E. Griffith and)
Richard L. Middaugh) Art Unit: Unknown
)
Serial No.: Unknown)
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Filed: Concurrently Herewith) Examiner: Unknown
)
For: FOAMED COMPOSITIONS AND)
METHODS OF USE IN)
SUBTERRANEAN ZONES)

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 3,301,323 issued December 19, 1963 to E.D. Parsons.

U.S. Patent No. 5,588,489 issued December 31, 1996 to Jiten Chatterji et al.

U.S. Patent No. 5,663,121 issued September 2, 1997 to Eugene I. Moody.

U.S. Patent No. 5,716,910 issued February 10, 1998 to Patty L. Totten et al.

U.S. Patent No. 5,851,960 issued December 22, 1998 to Patty L. Totten et al..

U.S. Patent No. 5,897,699 issued April 27, 1999 to Jiten Chatterji et al.

U.S. Patent No. 6,063,738 issued May 16, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,227,294 issued May 8, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,460,632 issued October 8, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,500,252 issued December 31, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,454,008 B1 issued September 24, 2002 to Jiten Chatterji et al.

U.S. Patent No. 5,358,047 issued October 25, 1994 to Ronald E. Himes et al.

U.S. Patent No. 4,453,596 issued June 12, 1984 to Michael W. Conway et al.

U.S. Patent No. 4,436,156 issued March 13, 1984 to Sherman E. Fredrickson.

U.S. Patent No. 1,717,319 issued June 11, 1929 to John A. Rice.

U.S. Patent No. 1,829,714 issued October 27, 1931 to R.L. McElroy et al.

U.S. Patent No. 3,119,704 issued January 28, 1964 to B.R. Harrell et al.

U.S. Patent No. 3,299,953 issued January 24, 1967 to G.G. Bernard.

U.S. Patent No. 3,372,040 issued March 5, 1968 to F. Ware.

U.S. Patent No. 3,679,445 issued July 25, 1972 to A.C.S. Howe.

U.S. Patent No. 3,758,319 issued September 11, 1973 to M.T. Ergene.

U.S. Patent No. 3,764,548 issued October 9, 1973 to Derek Redmore.

U.S. Patent No. 3,989,534 issued November 2, 1976 to Mark Plunguiian et al.

U.S. Patent No. 4,036,656 issued July 19, 1977 to Mario P. Bucco et al.

U.S. Patent No. 4,217,231 issued August 12, 1980 to George E. King.

U.S. Patent No. 4,317,758 issued March 2, 1982 to Donald D. Bruning.

U.S. Patent No. 5,660,465 issued August 26, 1997 to Walter R. Mason.

U.S. Patent No. 5,806,594 issued September 15, 1998 to David D. Stiles et al.

U.S. Patent No. 6,336,505 B1 issued January 8, 2002 to Baireddy R. Reddy.

U.S. Patent No. 6,367,550 B1 issued April 9, 2002 to Jiten Chatterji et al.

Publications:

LEBRETON "Confined Space," Publication: TDG Dangerous Goods Newsletter, Spring 1996, 5 pages, Vol. 16, No. 1, Internet
www.tc.gc.ca/canutec/enlarticles/documents/confined.htm.

COBB ET AL. "Method for Predicting Compressive Strength Of Foamed Cement Under Temperature and Pressure," April 15, 2002, 5 pages, Oil & Gas Journal, Internet
www.cementingsolutions.com.

CROOK ET AL. "Fully engineered foam-cementing process improves zonal isolation," July, August 1999, 26-28, Drilling Contractor.

JONES ET AL. "Prevention of Gas Explosions by Controlling Oxygen Concentration," April 25, 1935, 1344-1346, Vol. 27, No. 11, Industrial and Engineering Chemistry.

WALKER ET AL. "Effects of Oxygen on Fracturing Fluids," 1995, 339-348, SPE 28978, Society of Petroleum Engineers Inc.

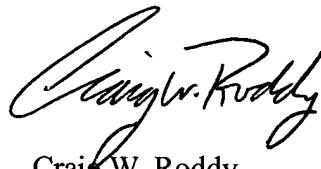
COOPER ET AL. "Effects of Temperature and Pressure on the Upper Explosive Limit of Methan-Oxygen Mixtures," Industrial and Engineering Chemistry, Vol. 21, No. 12, pages 1210-1214, Department of Chemical Engineering.

Other Material:

United States Patent Application entitled "Well Completion Foamed Spacer Fluids and Methods" filed on March 21, 2003 as serial number 10/393,965.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



Craig W. Roddy
Registration No. 36,256
Halliburton Energy Services
P. O. Box 1431
Duncan, OK 73536-0440
580-251-3012

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2002-IP-008093U1P1	SERIAL NO. Unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Jiten Chatterji et al.	
(Use several sheets if necessary)		FILING DATE Concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,301,323	01/31/67	Parsons	166	1	
	AB	5,588,489	12/31/96	Chatterji et al.	166	293	
	AC	5,663,121	09/02/97	Moody	507	102	
	AD	5,716,910	02/10/98	Totten et al.	507	102	
	AE	5,851,960	12/22/98	Totten et al.	507	118	
	AF	5,897,699	04/27/99	Chatterji et al.	106	678	
	AG	6,063,738	05/16/00	Chatterji et al.	507	269	
	AH	6,227,294 B1	05/08/01	Chatterji et al.	166	293	
	AI	6,460,632 B1	10/08/02	Chatterji et al.	175	66	
	AJ	6,500,252 B1	12/31/02	Chatterji et al.	106	644	
	AK	6,454,008 B1	09/24/02	Chatterji et al.	166	308	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	LEBRETON "Confined Space," Publication: TDG Dangerous Goods Newsletter, Spring 1996, 5 pages, Vol. 16, No. 1, Internet
		www.tc.gc.ca/canutec/enlarticles/documents/confined.htm
	AS	COBB ET AL. "Method for Predicting Compressive Strength Of Foamed Cement Under Temperature and Pressure," April 15, 2002, 5 pages,
		Oil & Gas Journal, Internet www.cementingsolutions.com .
	AT	CROOK ET AL. "Fully engineered foam-cementing process improves zonal isolation,"
		July, August 1999, 26-28, Drilling Contractor.

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	AA	5,358,047	10/25/94	Himes et al.	166	280	
	AB	4,453,596	06/12/84	Conway et al.	166	278	
	AC	4,436,156	03/13/84	Fredrickson	166	307	
	AD	1,717,319	06/11/29	Rice			
	AE	1,829,714	10/27/31	McElroy et al.			
	AF	3,119,704	01/28/64	Harrell et al.	106	88	
	AG	3,299,953	01/24/67	Bernard	166	29	
	AH	3,372,040	03/05/68	Ware	106	15	
	AI	3,679,445	07/25/72	Howe	106	88	
	AJ	3,758,319	09/11/73	Ergene	106	88	
	AK	3,764,548	10/09/73	Redmore	252	188	

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	AS	WALKER ET AL. "Effects of Oxygen on Fracturing Fluids," 1995, 339-348, SPE 28978, Society of Petroleum Engineers Inc.
	AT	COOPER ET AL. "Effects of Temperature and Pressure on the Upper Explosive Limit of Methan-Oxygen Mixtures," Industrial and Engineering Chemistry, Vol. 21, No. 12, pages 1210-1214, Department of Chemical Engineering.

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	AA	3,989,534	11/02/76	Plunguian et al.	106	86	
	AB	4,036,656	07/19/77	Bucco et al.	106	88	
	AC	4,217,231	08/12/80	King	252	8.55 R	
	AD	4,317,758	03/02/82	Bruning	524	202	
	AE	5,660,465	08/26/97	Mason	366	3	
	AF	5,806,594	09/15/98	Stiles et al.	166	293	
	AG	6,336,505 B1	01/08/02	Reddy	166	293	
	AH	6,367,550 B1	04/09/02	Chatterji et al.	166	293	
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